

I CLAIM:

1. A punch comprising:

a punch body; and

5 a punch head including a first compact layer of cobalt-containing tungsten carbide welded to said punch body, and a second compact layer of cobalt-containing tungsten carbide welded to said first compact layer opposite to said punch body,

10 wherein said first compact layer has a hardness lower than that of said second compact layer, and has a coefficient of expansion greater than that of said second compact layer and smaller than that of said punch body.

15 2. The punch as claimed in Claim 1, wherein said first compact layer contains an amount of tungsten carbide that is less than that of said second compact layer.

20 3. The punch as claimed in Claim 1, wherein the tungsten carbide contained in said first compact layer has a particle size greater than that of the tungsten carbide contained in said second compact layer.